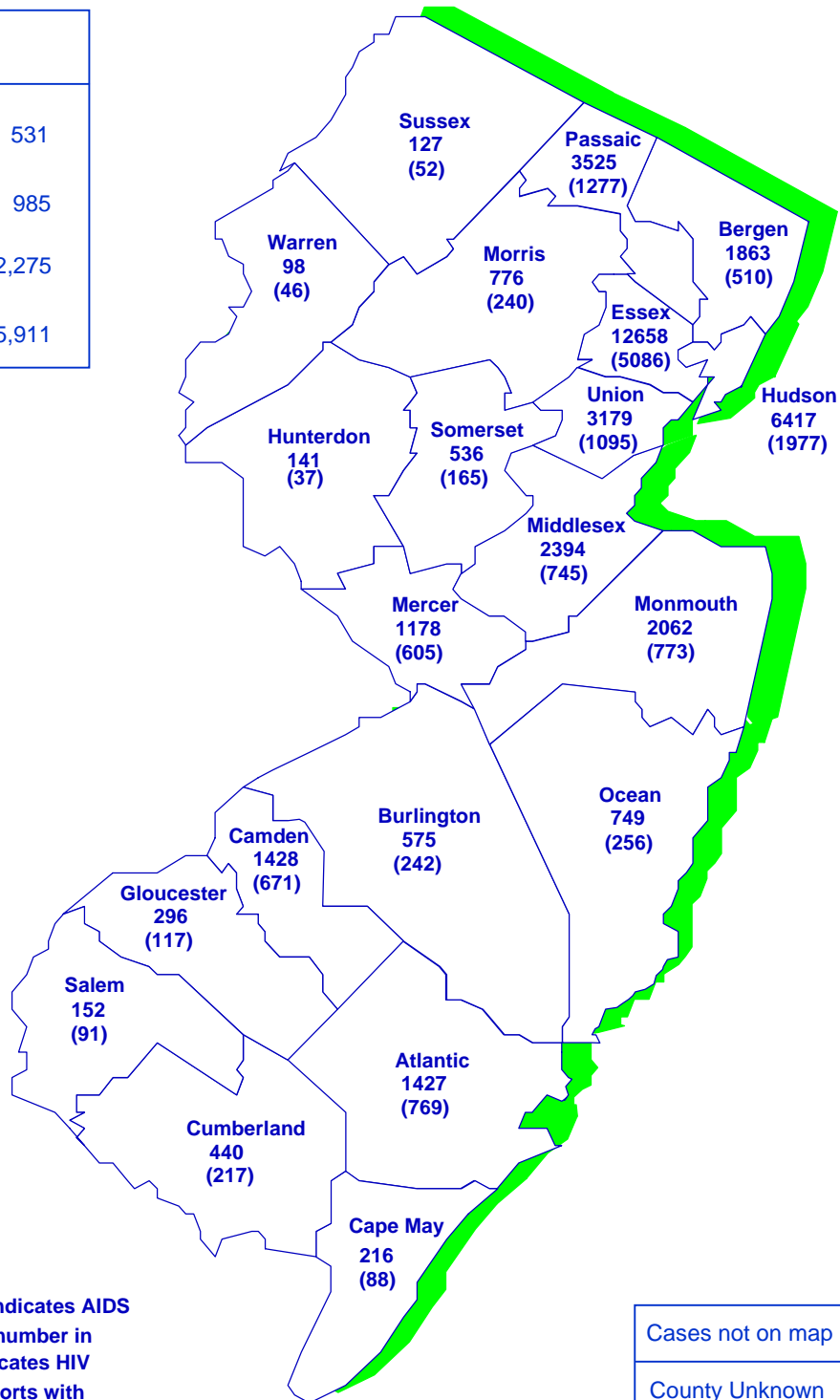


# NEW JERSEY HIV/AIDS CASES

## Reported as of June 30, 2001

HIV/AIDS Report Summary	
Current Quarter Increase - AIDS	531
Current Year Increase -AIDS	985
Cumulative Total AIDS	42,275
Cumulative Total HIV+ Only	15,911



**Note:** Top number indicates AIDS reports. Bottom number in parentheses indicates HIV unduplicated reports with identifiers.

Cases not on map	AIDS	HIV
County Unknown	6	50
Incarcerated at Diagnosis	2,032	802

**Table 1. New Jersey AIDS Cases Reported July 2000-June 2001  
and Cumulative Totals as of June 30, 2001  
Age at Diagnosis, by Gender**

Age Group	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Age Group Totals
	July 2000- June 2001		Cumulative Total		July 2000- June 2001		Cumulative Total		July 2000- June 2001		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
Under 5	3	0%	284	1%	0	0%	266	2%	3	0%	550	1%	48%
5-12	3	0%	89	0%	5	1%	99	1%	8	0%	188	0%	53%
13-19	8	1%	113	0%	6	1%	76	1%	14	1%	189	0%	40%
20-29	89	7%	3,731	12%	66	11%	2,121	18%	155	8%	5,852	14%	36%
30-39	449	35%	13,537	45%	253	43%	5,705	47%	702	38%	19,242	46%	30%
40-49	481	38%	9,062	30%	189	32%	2,787	23%	670	36%	11,849	28%	24%
Over 49	239	19%	3,442	11%	72	12%	963	8%	311	17%	4,405	10%	22%
Total	1,272	100%	30,258	100%	591	100%	12,017	100%	1,863	100%	42,275	100%	28%

**Table 2. AIDS Cases by State of Residence  
Reported to CDC as of June 30, 2001**

STATE OF RESIDENCE	CUMULATIVE TOTAL SINCE 1981					
	Adult/Adolescent		Children		Total	
	No.	(%)	No.	(%)	No.	(%)
New York	142,151	18%	2,267	25%	144,418	18%
California	121,219	15%	613	7%	121,832	15%
Florida	81,593	10%	1,414	16%	83,007	10%
Texas	54,907	7%	386	4%	55,293	7%
<b>New Jersey</b>	<b>42,296</b>	<b>5%</b>	<b>754</b>	<b>8%</b>	<b>43,050</b>	<b>5%</b>
Illinois	25,393	3%	272	3%	25,665	3%
Puerto Rico	25,071	3%	388	4%	25,459	3%
Pennsylvania	24,934	3%	333	4%	25,267	3%
Georgia	23,367	3%	213	2%	23,580	3%
Maryland	22,128	3%	304	3%	22,432	3%
Remainder of US	221,343	28%	2,050	23%	223,393	28%
Total	784,402	100%	8,994	100%	793,396	100%

**Table 3. New Jersey Pediatric (1) AIDS Cases by Mode of Transmission  
Data as of June 30, 2001**

Mode of Transmission (2)	MALE		FEMALE		TOTAL	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	11	3%	0	0%	11	1%
Mother With/At Risk of AIDS (3)	349	94%	350	96%	699	95%
Transfusion/Blood Components	9	2%	8	2%	17	2%
Other/Unknown	4	1%	7	2%	11	1%
Total	373	100%	365	100%	738	100%

(1) Includes all patients under 13 years of age at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

(3) Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

**Table 4. New Jersey Adult/Adolescent (1) AIDS Cases Reported July 2000-June 2001  
and Cumulative Totals as of June 30, 2001  
by Mode of Transmission and Gender**

Mode of Transmission (2)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	July 2000-June 2001		Cumulative Total		July 2000-June 2001		Cumulative Total		July 2000-June 2001		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (3)	303	24%	8,369	28%	0	0%	0	0%	303	16%	8,369	20%	0%
IDU (3)	368	29%	13,806	46%	162	28%	5,507	47%	530	29%	19,313	46%	29%
MSM/IDU	36	3%	1,569	5%	0	0%	0	0%	36	2%	1,569	4%	0%
Hemophilia	5	0%	174	1%	0	0%	2	0%	5	0%	176	0%	1%
Heterosexual	153	12%	1,915	6%	231	39%	3,880	33%	384	21%	5,795	14%	67%
Transfusion	12	1%	246	1%	8	1%	262	2%	20	1%	508	1%	52%
Other/Unknown	389	31%	3,806	13%	185	32%	2,001	17%	574	31%	5,807	14%	34%
Total	1,266	100%	29,885	100%	586	100%	11,652	100%	1,852	100%	41,537	100%	28%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) MSM = Male sex with male. IDU = Injection drug use.

**Table 5. New Jersey Adult/Adolescent (1) AIDS Cases Reported July 2000-June 2001  
and Cumulative Totals as of June 30, 2001  
by Adjusted (2) Mode of Transmission and Gender**

Mode of Transmission (3)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	July 2000-June 2001		Cumulative Total		July 2000-June 2001		Cumulative Total		July 2000-June 2001		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (4)	464	37%	9,944	33%	0	0%	0	0%	464	25%	9,944	24%	0%
IDU (4)	507	40%	15,164	51%	221	38%	6,140	53%	728	39%	21,304	51%	29%
MSM/IDU	50	4%	1,708	6%	0	0%	0	0%	50	3%	1,708	4%	0%
Heterosexual	214	17%	2,025	7%	346	59%	5,121	44%	560	30%	7,146	17%	72%
Blood Related	28	2%	1,012	3%	17	3%	366	3%	45	2%	1,378	3%	27%
Others	3	0%	32	0%	2	0%	25	0%	5	0%	57	0%	44%
Total (2)	1,266	100%	29,885	100%	586	100%	11,652	100%	1,852	100%	41,537	100%	28%

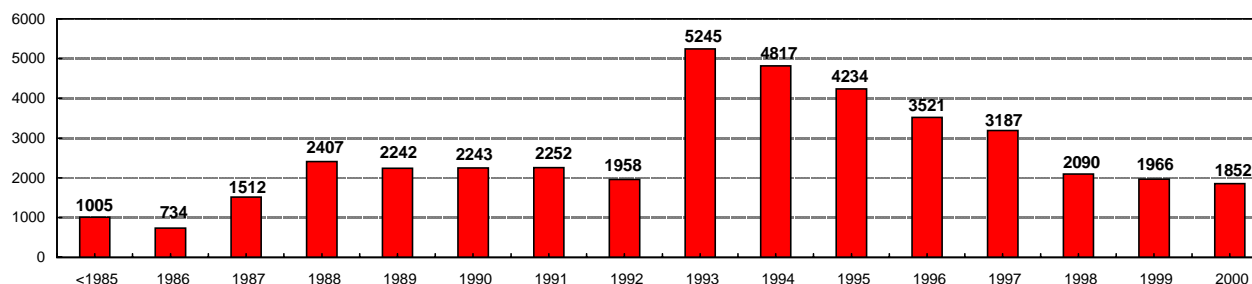
(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) MSM = Male sex with male. IDU = Injection drug use.

**Figure 1. New Jersey AIDS Cases as of June 30, 2001  
Cases by Year of Report**



**Table 6. New Jersey Adult/Adolescent (1) AIDS Cases  
by Mode of Transmission, Gender and Racial/Ethnic Group  
Cumulative Data as of June 30, 2001**

Mode of Transmission (2)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,217	47%	2,727	18%	1,369	26%	0	0%	0	0%	0	0%
IDU	2,889	32%	8,513	55%	2,371	46%	1,110	50%	3,796	49%	585	36%
MSM/IDU	474	5%	828	5%	262	5%	0	0%	0	0%	0	0%
Hemophilia	121	1%	29	0%	21	0%	2	0%	0	0%	0	0%
Heterosexual	311	3%	1,203	8%	381	7%	672	30%	2,446	32%	744	45%
Transfusion	145	2%	70	0%	25	0%	96	4%	126	2%	33	2%
Other/Unknown	822	9%	2,175	14%	754	15%	354	16%	1,341	17%	285	17%
Total	8,979	100%	15,545	100%	5,183	100%	2,234	100%	7,709	100%	1,647	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 7. New Jersey Adult/Adolescent (1) AIDS Cases  
by Adjusted (2) Mode of Transmission, Gender and Racial/Ethnic Group  
Cumulative Data as of June 30, 2001**

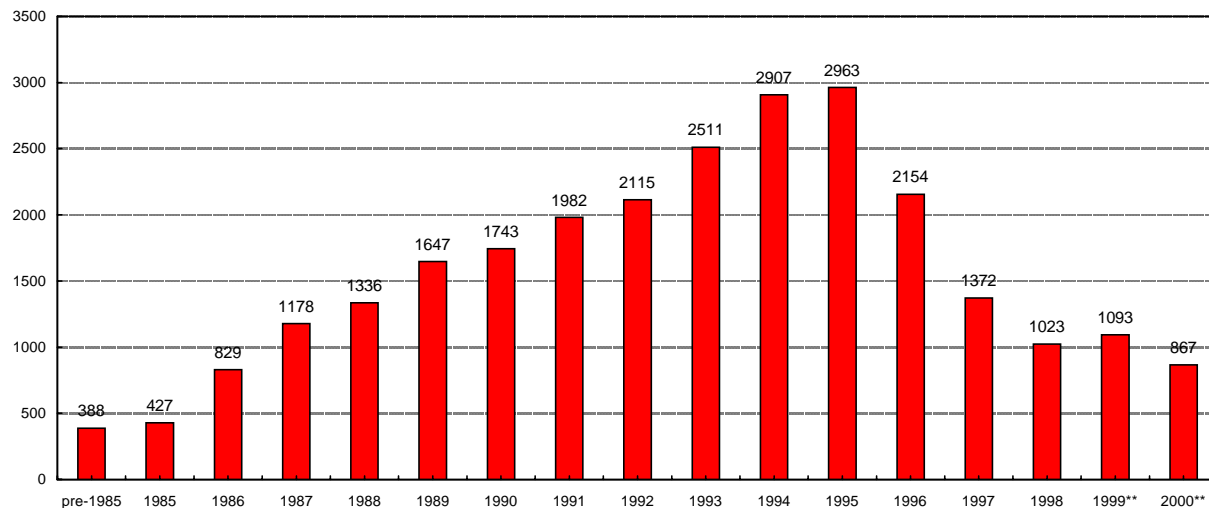
Mode of Transmission (3)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,677	52%	3,311	21%	1,571	30%	0	0%	0	0%	0	0%
IDU	3,086	34%	9,544	61%	2,728	53%	1,206	54%	4,283	56%	688	42%
MSM/IDU	503	6%	909	6%	290	6%	0	0%	0	0%	0	0%
Heterosexual	405	5%	1,632	10%	530	10%	901	40%	3,240	42%	913	55%
Blood Related	298	3%	139	1%	60	1%	120	5%	180	2%	44	3%
Others	10	0%	10	0%	4	0%	7	0%	6	0%	2	0%
Total (2)	8,979	100%	15,545	100%	5,183	100%	2,234	100%	7,709	100%	1,647	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Figure 2. Number of Deaths (from All Causes\*) among New Jersey Resident AIDS Cases  
by Year of Death, Reported as of June 30, 2001**



\* These numbers include all known deaths of persons reported with AIDS, whether or not their cause of death is HIV/AIDS related. \*\*1999 and 2000 mortality information is incomplete.

**Table 8. New Jersey AIDS Cases Reported July 2000 - June 2001 and Cumulative Totals  
by Racial/Ethnic Group and Gender  
Data as of June 30, 2001**

Adults/ Adolescents (1)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	July 2000- June 2001		Cumulative Total		July 2000- June 2001		Cumulative Total		July 2000- June 2001		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	279	22%	8,979	30%	81	14%	2,234	19%	360	19%	11,213	27%	20%
Black	718	57%	15,545	52%	398	68%	7,709	66%	1,116	60%	23,254	56%	33%
Hispanic	256	20%	5,183	17%	95	16%	1,647	14%	351	19%	6,830	16%	24%
Asian/Pac. Isl.	8	1%	112	0%	7	1%	44	0%	15	1%	156	0%	28%
Other/Unknown	5	0%	66	0%	5	1%	18	0%	10	1%	84	0%	21%
Subtotal	1,266	100%	29,885	100%	586	100%	11,652	100%	1,852	100%	41,537	100%	28%
Known Dead*	141	11%	19,403	65%	41	7%	6,714	58%	182	10%	26,117	63%	26%
Children (2)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	July 2000- June 2001		Cumulative Total		July 2000- June 2001		Cumulative Total		July 2000- June 2001		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	0	0%	59	16%	1	20%	59	16%	1	9%	118	16%	50%
Black	4	67%	239	64%	2	40%	241	66%	6	55%	480	65%	50%
Hispanic	2	33%	74	20%	2	40%	63	17%	4	36%	137	19%	46%
Other/Unknown	0	0%	1	0%	0	0%	2	1%	0	0%	3	0%	67%
Subtotal	6	100%	373	100%	5	100%	365	100%	11	100%	738	100%	49%
Known Dead*	0	0%	243	65%	1	20%	233	64%	1	9%	476	64%	49%
Total	1,272		30,258		591		12,017		1,863		42,275		
Known Dead*	141	11%	19,646	65%	42	7%	6,947	58%	183	10%	26,593	63%	26%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Includes all patients under 13 years of age at time of diagnosis.

\* Includes known deaths from all causes of persons with AIDS, whether or not cause of death is HIV/AIDS related.

**Table 9. HIV Reports Received Through June 30, 2001**

Total Number of Reports	31,907	
Anonymous Reports	<u>1,287</u>	
Unduplicated Reports with Identifiers	30,620	
Reports with Identifiers		30,620
Out of State Reports	534	
Missing Data/Under Investigation	104	
Changed to AIDS Classification	12,619	
HIV-Exposed Pediatric Seroreverters	1,452	
		<u>14,709</u>
Number HIV Reports Included in Tables		15,911

**Table 10. Persons Living with HIV Infection (not AIDS) and with AIDS, by New Jersey County  
Cumulative Data as of June 30, 2001**

County of Residence	Living with HIV		Living with AIDS		Total	
	No.	(%)	No.	(%)	No.	(%)
Atlantic	697	5%	639	4%	1,336	4%
Bergen	470	3%	697	4%	1,167	4%
Burlington	218	2%	199	1%	417	1%
Camden	615	4%	590	4%	1,205	4%
Cape May	78	1%	99	1%	177	1%
Cumberland	200	1%	209	1%	409	1%
Essex	4,473	31%	4,429	28%	8,902	30%
Gloucester	108	1%	114	1%	222	1%
Hudson	1,780	12%	2,266	14%	4,046	13%
Hunterdon	33	0%	51	0%	84	0%
Mercer	543	4%	495	3%	1,038	3%
Middlesex	689	5%	895	6%	1,584	5%
Monmouth	680	5%	774	5%	1,454	5%
Morris	223	2%	307	2%	530	2%
Ocean	219	2%	230	1%	449	1%
Passaic	1,162	8%	1,255	8%	2,417	8%
Salem	84	1%	65	0%	149	0%
Somerset	151	1%	229	1%	380	1%
Sussex	51	0%	46	0%	97	0%
Union	1,008	7%	1,241	8%	2,249	7%
Warren	45	0%	39	0%	84	0%
Incarcerated	752	5%	809	5%	1,561	5%
Unknown County	44	0%	4	0%	48	0%
Total	14,323	100%	15,682	100%	30,005	100%

**Table 11. New Jersey Pediatric HIV/AIDS Cases and Exposures (1)  
Born 1993-1999 By Category  
Data as of June 30, 2001**

Birth Year	Infected (2)		Indeterminate (3)		Seroreverter (4)		Total Reported
	No.	(%)	No.	(%)	No.	(%)	No.
1993	71	21%	70	21%	196	58%	337
1994	54	17%	102	32%	158	50%	314
1995	49	16%	82	26%	183	58%	314
1996	36	13%	66	24%	178	64%	280
1997	31	12%	67	26%	161	62%	259
1998	21	8%	80	29%	178	64%	279
1999	11	5%	75	34%	134	61%	220
2000*	7	3%	124	53%	105	44%	236

(1) See page 8 for an explanation of pediatric exposure to HIV disease.

(2) Confirmed HIV or AIDS positive.

(3) Living children with perinatal exposure to HIV whose HIV serostatus is indeterminate.

(4) Children who tested positive by the anti-HIV antibodies test who become non-reactive to the test.

\* 2000 Pediatric cases and exposures may be incomplete.

**New Jersey Persons Living with HIV Disease (HIV/AIDS)**  
**Data as of June 30, 2001**

**Table 12. Racial/Ethnic Group by Sex**

Race/Ethnicity	Adults/Adolescents (1)						Females	Children (2)						Females
	Male		Female		Total		as % of	Male		Female		Total		as % of
	No.	(%)	No.	(%)	No.	(%)	row total	No.	(%)	No.	(%)	No.	(%)	row total
White	4,533	24%	1,773	17%	6306	22%	28%	71	11%	84	12%	155	12%	54%
Black	9,585	52%	6,487	64%	16072	56%	40%	458	71%	469	69%	927	70%	51%
Hispanic	4,068	22%	1,760	17%	5828	20%	30%	109	17%	121	18%	230	17%	53%
Other/Unknown	323	2%	156	2%	479	2%	33%	5	1%	3	0%	8	1%	38%
Total	18,509	100%	10,176	100%	28,685	100%	35%	643	100%	677	100%	1,320	100%	51%

**Table 13. Adult/Adolescent Reports, Distribution of Mode of Transmission**

Mode of Transmission (3)	Male		Female		Total		Females as % of Row Total
	No.	(%)	No.	(%)	No.	(%)	
<b>Adults/Adolescents (1)</b>							
MSM	4,819	26%	0	0%	4,819	17%	0%
IDU	6,717	36%	3,515	35%	10,232	36%	34%
MSM/IDU	815	4%	0	0%	815	3%	0%
Hemophilia	67	0%	1	0%	68	0%	1%
Heterosexual	1,715	9%	3,593	35%	5,308	19%	68%
Transfusion	94	1%	141	1%	235	1%	60%
Other/Unknown	4,283	23%	2,927	29%	7,210	25%	41%
Total	18,510	100%	10,177	100%	28,687	100%	35%

(1) Includes all patients 13 years of age or older at time of the first positive HIV confirmatory test.

(2) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children who tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

**Table 14. Persons Living with HIV Disease, by Current Age as of June 30, 2001**

Age Group	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Under 5	294	2%	315	3%	609	2%
5-12	350	2%	361	3%	711	2%
13-19	105	1%	103	1%	208	1%
20-29	850	4%	921	8%	1,771	6%
30-39	5,613	29%	3,871	36%	9,484	32%
40-49	8,125	42%	3,857	36%	11,982	40%
50-59	3,047	16%	1,112	10%	4,159	14%
Over 60	768	4%	312	3%	1,080	4%
Unknown	1	0%	0	0%	1	0%
Total	19,153	100%	10,852	100%	30,005	100%

### PREVALENCE OF PERSONS LIVING WITH HIV DISEASE

Tables 10, 12, 13, and 14 present data on the "prevalence" of HIV Disease in New Jersey. In this context, prevalence of "Persons Living with HIV Disease" refers to the number of HIV/AIDS cases who are presumed living (not known to have died). Prevalence measures are useful for describing the population currently in need of HIV/AIDS services.

## ADJUSTED MODE OF TRANSMISSION

Tables 5 and 7 reflect **adjustments** in cases with “no identified risk.” NIR cases include persons who are currently under investigation by local health departments, persons whose exposure history is incomplete, and persons for whom no exposure mode was identified. As the proportion of reports with no HIV exposure category increases, these adjustments provide a clearer picture of actual transmission patterns and provide information for prevention and education efforts.

In the adjusted tables, reports received with unknown risk are reallocated to other categories. The weights used to adjust adult/adolescent NIR cases were computed by the Centers for Disease Control and Prevention. Weights are based on sex-, race-, and region-specific re-distributions of cumulative NIR cases diagnosed from 1990 through 1998 which have subsequently been reclassified. Because of small cell sizes and unstable estimates, the Hemophilia and Transfusion categories in the adjusted tables are combined into the Blood Related category.

## PEDIATRIC EXPOSURE TO HIV

Pediatric follow-up on all children living with AIDS has been a routine surveillance activity in New Jersey since January 1986. In August 1992, follow-up was expanded to include those children reported with HIV infection as well as those perinatally exposed to the HIV virus through an infected mother regardless of the child’s actual HIV serostatus. Pursuant to N.J.A.C. 8:57-2, known perinatal exposure to HIV has been a mandated, reportable condition since September 2000. Currently, all children living with HIV or AIDS and those who were perinatally exposed are followed six months after they are initially reported and while their status is indeterminate.

## NOTEWORTHY

The HIV/AIDS Surveillance Unit offers a free training seminar covering the important aspects of reporting HIV infection and AIDS. If you are interested in registration or need more information, please contact Cindy Mimmo at 609-984-6050.

- . ☆ Visit the NJ Department of Health and Senior Services WEB Site: [www.state.nj.us/health](http://www.state.nj.us/health)
- . ☆ To be added to our mailing list or to request other data or information, contact us at:  
609-984-5980 or e-mail [aids@doh.state.nj.us](mailto:aids@doh.state.nj.us)
- . ☆ Questions? New Jersey HIV/AIDS HOTLINE: 1-800-624-2377



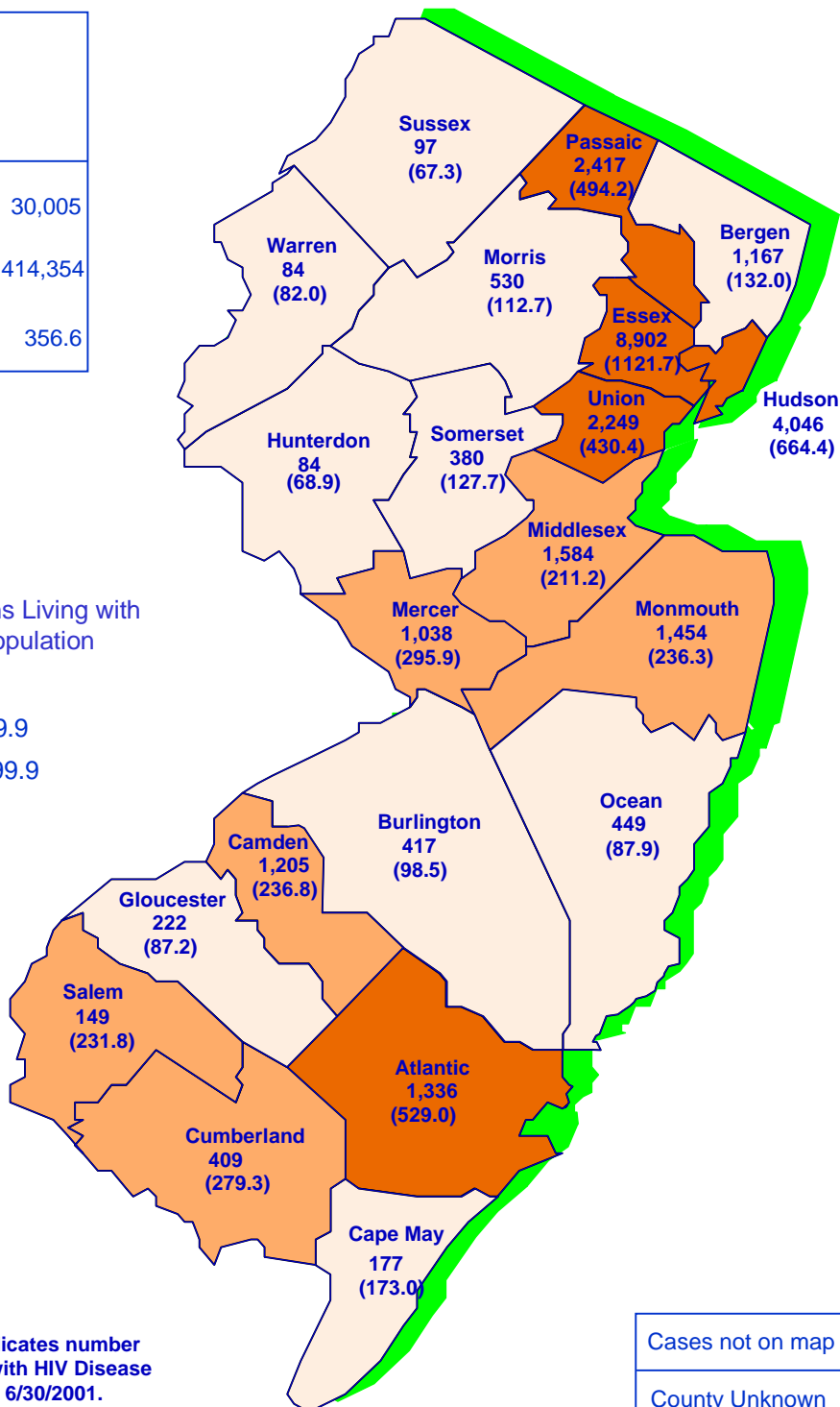
# PERSONS LIVING WITH HIV DISEASE IN NEW JERSEY, BY COUNTY

## Reported as of June 30, 2001

Statewide Summary: Prevalence of Persons Living with HIV Disease (HIV or AIDS)	
Persons Living with HIV/AIDS:	30,005
Total Population, US Census 2000 :	8,414,354
Prevalence Rate per 100,000 pop.	356.6

Prevalence Rate: Persons Living with  
HIV/AIDS per 100,000 population

	0.0 - 199.9
	200.0 - 399.9
	400.0 - 1199.9



**Note:** Top number indicates number of persons living with HIV Disease (HIV or AIDS) as of 6/30/2001. Bottom number in parentheses indicates prevalence rate, defined as the number of persons living with HIV Disease per 100,000 population (US Census 2000).

Cases not on map	#	%
County Unknown	48	32.1
Incarcerated at Diagnosis	1,561	19.7